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RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/540,234DATE: 06/12/2000
TIME: 10:43:54Input Set : D:\WHEATREG1.RPT
Output Set: N:\CRF3\06122000\I540234.raw

1 <110> APPLICANT: Conner, Timothy W.
2 Masucci, James D.
4 <120> TITLE OF INVENTION: Nucleic acid molecules and other molecules associated with
5 plants
7 <130> FILE REFERENCE: 38-21(15726)B
C--> 9 <140> CURRENT APPLICATION NUMBER: US/09/540,234
C--> 9 <141> CURRENT FILING DATE: 2000-04-03
9 <160> NUMBER OF SEQ ID NOS: 11840
11 <210> SEQ ID NO: 1
12 <211> LENGTH: 444
13 <212> TYPE: DNA
14 <213> ORGANISM: Triticum aestivum
16 <223> OTHER INFORMATION: Clone ID: LIB103-001-Q1-E1-A1
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22 agacacctcc aagccggaca cggctactgt agctggcacg gcataatgga aaacagtccc 120
24 tgcccttttg agggctcgtct caaacatgcc cctcgagacg tcgggtgaagc cgtagtttgt 180
26 acaagactaa caacgccaat ggcgtcgatg ttatcgagc cttcgtgtg ctgtttactg 240
28 tgtagcgctt gatgacttcc ttgctgtact ccgcttggag ccatttgagt gctgtttacc 300
30 gtgcagcact cgaagacttc cttgctgtac tgcgtggcag catagtctgt ttgctgcctg 360
32 gtctggggac acctgtgtac tacagtactt cgtttccctt tgtagtggtg ctacttctta 420
34 gccatgtact cgtgtctggt cgag 444
37 <210> SEQ ID NO: 2
38 <211> LENGTH: 455
39 <212> TYPE: DNA
40 <213> ORGANISM: Triticum aestivum
42 <223> OTHER INFORMATION: Clone ID: LIB103-001-Q1-E1-A2
44 <400> SEQUENCE: 2
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48 ccccaactata taaacccctt cccatcccca ccactgctca cccctctcct ctctctctct 120
50 ctctctctct ccggcgtctt cctcccccca cccctctctc tgatcaaaagc gcacgcccag 180
52 caagctagct agcagggtgt ggtggggcga tacacatacg cttactgtac gcgacgcggc 240
54 ttgtgtgtg gccaccacca tgatgtcgtc gcccgcgag tcgagaccca gcttcttccc 300
56 ggaccacctc gcggagcagc agcagcagca gcccccttc gccgagcagc agcagctgtg 360
58 ctactgtcac tgcaacttct gcgacacat cctcgcgtg ggcgtgccgt gcagcagcct 420
60 cttcaagacg gtcgcccgtg gatgcggcca ctgcg 455
63 <210> SEQ ID NO: 3
64 <211> LENGTH: 464
65 <212> TYPE: DNA
66 <213> ORGANISM: Triticum aestivum
68 <223> OTHER INFORMATION: Clone ID: LIB103-001-Q1-E1-A5
70 <400> SEQUENCE: 3
72 gtaccgggtcc taaattccc ggtccacggg atgagagggg ctcaaaatga gaagggtgtcc 60
74 taccgaagct cagtttaatt aggaaattca ggatgatcaa gcagaagctg ctctagtata 120
76 aaaattgtct gaagagagtg gcaatgacac gaagaggaat aaacaacctg tggatacgac 180
78 gaatcagggt gcccaataaaa caaagcagtt taaggcattg acgccaaagg agagcagccc 240
80 aagaggagcg aaagagggtt acagttcttt tactgaaggt ggcttatcct ccaaaactgaa 300

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82 aaccaagctg acggttgatg caaatgatat cattctggtt aaaaagaaaa atgttcaagg 360
84 aaaggatggt ttaaaggaga agaggcaggg agcaagggg gacagtcttg tgtgtggagc 420
86 ttgtggtcag ctggacata tgcggaccaa caaactgtgc ccca 464
89 <210> SEQ ID NO: 4
90 <211> LENGTH: 431
91 <212> TYPE: DNA
92 <213> ORGANISM: Triticum aestivum
94 <223> OTHER INFORMATION: Clone ID: LIB103-001-Q1-E1-A8
96 <400> SEQUENCE: 4
98 taccggtcct aaattcccgg gtccacgggc tgaacttaat gctggtgacg agaaaattag 60
100 agagttgata tcagttttag accaaaggaa ggatgaatca attgaacgca catttaaagg 120
102 agttgcaagg cacttcgcg agtggttctc tgaattatg caaggtggtc acggatacct 180
104 ggttatgatg aagaaaaagg atggtgatgc tgccgatgat gacatggatg aggacacgcc 240
106 tcgtgaagca gatcctgaag ggaggataga gaagtatatt ggtgtgaaag tcaaggtttc 300
108 cttcactggc aagggagaaa ctcaagtccat gaagcaattg tctggagggc agaagacagt 360
110 ggtggcatta aactgatct tcgctatcca acgatgtgac ccagctccgt tctacctgtt 420
112 tgatgagatt g 431
115 <210> SEQ ID NO: 5
116 <211> LENGTH: 348
117 <212> TYPE: DNA
118 <213> ORGANISM: Triticum aestivum
120 <223> OTHER INFORMATION: Clone ID: LIB103-001-Q1-E1-B1
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124 ggggtccacga gtgaccaatg ataatacgcg gacttaaata aaaacggagg gagtacacat 60
126 ttgttttctt agttgttagt gaactaatca tttgttgaaa ttgtgaaata aatatattag 120
128 gctattgact tcgaatgtaa tggctctatac aattcaatag ttacaatcat tgtcgaaatc 180
130 caagatgtat acaaggtcta tagtacttca taacatgctc aaactcacac acacacacac 240
132 acacgcacac acataaagta aactagaaga ccattctctc atgtatacac aacgtatcgg 300
134 catctgtgta tgtctcactc atgcatgatc atttgacat tcacacct 348
137 <210> SEQ ID NO: 6
138 <211> LENGTH: 427
139 <212> TYPE: DNA
140 <213> ORGANISM: Triticum aestivum
142 <223> OTHER INFORMATION: Clone ID: LIB103-001-Q1-E1-B10
144 <400> SEQUENCE: 6
146 ctgcccgtac cgttcctaaa ctcccgggtc gacagggagg aggaaaagga gggcgtgaca 60
148 tcagacggag attcgggcga tggagaagac gacgaggggg gcggcggcgc cgaagacatg 120
150 gacgacgacg acgattgatc gtagcggcct catagcacc cttaccagtt acctcaaaca 180
152 aggggtggcg tccttttgac cccacagcat tagctttctt gtacataggc actctccagt 240
154 ccaggatagt tgagtggtgg tgatagtggt gttggtgtaa atgtttgctg ggggtaaaat 300
156 gcattcatct gatactatgg tttatatccc tgtttttggc caaagaaaaga aagaagacga 360
158 cgatgagatc gagcggtttc gcgcgctttt cgaaacgcgc ccgcccggtc tcgttcgatt 420
160 cgcattga 427
163 <210> SEQ ID NO: 7
164 <211> LENGTH: 450
165 <212> TYPE: DNA
166 <213> ORGANISM: Triticum aestivum
168 <223> OTHER INFORMATION: Clone ID: LIB103-001-Q1-E1-B2
170 <400> SEQUENCE: 7

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172 taccggttcg agattcccg gtccacggac tcaccggcat cggactgtcg ccttcagaga 60
174 tcgcgcgact cgtcccgctc accgccaaca acaaccactc ccgcaacaaa tccgtcgtct 120
176 ccaagggtgga ctactacctg cgcctcttcg gtcctttgga ggaattcttc cgggcattca 180
178 agcataacca caatctcctc tcacacaacc tcgagacggg ggtcaagcgg aatgtcgggt 240
180 tgcgtcagga gtgcacgcta ggtgcttgcg acattgccaa gcttgccatc tctatgccaa 300
182 ggatgtctac cgccaacgtg gaacaaatcc gggggatggt ggccggtgct gagcgtctaa 360
184 gtgtgcctcg cggctctggg atgttcgggc aagccatgcg gagtgttgcg ttcgacagcg 420
186 aggacaagat cgccgcaaaa atggaataca 450
189 <210> SEQ ID NO: 8
190 <211> LENGTH: 334
191 <212> TYPE: DNA
192 <213> ORGANISM: Triticum aestivum
194 <223> OTHER INFORMATION: Clone ID: LIB103-001-Q1-E1-B3
196 <400> SEQUENCE: 8
198 cgcctgccgg taccggatcg accatgcccg ggtcgactta ttctcccca gctgcgggtg 60
200 ctgccgagct ctccacccca agattgcgca gttcgtgag cggaaatccg acgtgctgtt 120
202 cctgcaagtc aactacgaga agcacaagtc catgtgtctac agcctccatg tccatgtcct 180
204 cctttcttc aggttctaca ggggagctca gggcagggtc agcagcttca gctgcaccaa 240
206 tgcaaccatc aagaagtta aggacgcct cgcaaagcac tcgccggaca ggtgcagcct 300
208 cgggccggca cgggggctcc agggagcgga gctc 334
211 <210> SEQ ID NO: 9
212 <211> LENGTH: 457
213 <212> TYPE: DNA
214 <213> ORGANISM: Triticum aestivum
216 <223> OTHER INFORMATION: Clone ID: LIB103-001-Q1-E1-B5
218 <400> SEQUENCE: 9
220 taccggttcg aaattcccg gtccacgggt gattgacatg tacattaggg actgactcct 60
222 gtctgcaaat gttcagtggt ggtacatatg gtaaatgtga agttatgaaa gacaccactg 120
224 ttggcataaa atcctatgca ggtattgctg cggaggggtat cggaaacgga gcgctcttga 180
226 tggaatgaa ttaccatgct aatacatcca atagcgcttt gtgggattac atgccaatgg 240
228 ttttccacat ctgaccttct ccgaaatttt tgcaccgtac ttccgccatg ttaggcccg 300
230 tttcatcttt tgcttggtat gatagtattt caaccctttt tgtgggaaaa gctgatattg 360
232 gttagatggt gggatagaa gagccataga gggaacctaa caacgacatt ttcggcagca 420
234 cggtccttc tttgatatt gccctgccgt ttggtgc 457
237 <210> SEQ ID NO: 10
238 <211> LENGTH: 375
239 <212> TYPE: DNA
240 <213> ORGANISM: Triticum aestivum
242 <223> OTHER INFORMATION: Clone ID: LIB103-001-Q1-E1-B6
244 <400> SEQUENCE: 10
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248 atacatatag ccattgccat cgcagttctg cgaacgtgc tgggtgggtca gttacatcct 120
250 gttcgtgctt gtccattgtc gcctgtgtca aatcatcagt atgacatcgt ggaatacgt 180
252 actcacctaa cttgttctgt cctacagtca atcttgaatc aatgcccatc ccggtcgacc 240
254 gtccaagggg atccaagcct atctaagcct gcatccaata tcaaattgtc accaatgagt 300
256 tctcgaaaat caaaactgtg gccattctct tacaagacc atactgggaa aaacctggcg 360
258 ttaaccaact taaac 375
261 <210> SEQ ID NO: 11
262 <211> LENGTH: 460

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263 <212> TYPE: DNA
264 <213> ORGANISM: Triticum aestivum
266 <223> OTHER INFORMATION: Clone ID: LIB103-001-Q1-E1-B7
268 <400> SEQUENCE: 11
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272 caagcttttg cctcaagttt gagagaactt caactatcca aagcagagca ttggcagaat   120
274 tcatagcaga gtggacgcca acaccagatg aagaaattcc agagacgagc atccccgtca   180
276 aagaggcaag caaagagtgg ctgatgtact ttgatgtgct cttctcgtcg caagcgcccg   240
278 gtgcgggctg gctgcttgct gcgcccaccg gagagcacct caagtacgta gtccagatgc   300
280 actttcccaa ggagcaagca accaacaata ctgcagagta tgaaggattg cttgccgggtc   360
282 tcagaatcgc agcagacctt gggatcaaga agctcattgt caggggtgac tcacagcttg   420
284 tcgtctgcca agtgaacaag aactaccaga gtccattgat
287 <210> SEQ ID NO: 12
288 <211> LENGTH: 413
289 <212> TYPE: DNA
290 <213> ORGANISM: Triticum aestivum
292 <223> OTHER INFORMATION: Clone ID: LIB103-001-Q1-E1-B8
294 <400> SEQUENCE: 12
296 ctgcccgtac cggtcgaaa ttcccgtatc caccgggaaca caggaaaagc aaagagatca   60
298 ctggcccgtc ttcataaagt tcaaggaatc ggaattagct caggaaacgt cgagaataaa   120
300 caagatcaat gccgcgaaaa aggggcatta ccataagctg gggctaagtg tctaagttgt   180
302 ggcccgggct aagttggata aaggtgaaca acagatggtg tatgcaaggg tcattccaat   240
304 tacattgagc tgggcccccg ggtccaagac ttgggtccaa atgcattgga agatattggg   300
306 cccaaagaca aggcgaagtt tgagaaagg gaagtcctaa aggaaccacac ctcaaaatac   360
308 ttgttgcaat ataagaagct cgaacggggg gtgttcacgc ccaacagaga gaa         413
311 <210> SEQ ID NO: 13
312 <211> LENGTH: 459
313 <212> TYPE: DNA
314 <213> ORGANISM: Triticum aestivum
316 <223> OTHER INFORMATION: Clone ID: LIB103-001-Q1-E1-C10
318 <400> SEQUENCE: 13
320 cgctgcccgg tacggttctt agactccccg gtcgacaggg aggctgcaga tgaagtccag   60
322 gctcgccgga tgcggttttg gtcgagcccg cctccgcttg ttggctgcct caccgtccat   120
324 ctcaaccggc cgtgacgctg gtgtacacgt gtgctggtct gtgttggtg ctggcctgct   180
326 ggggtgtgct gagtgcgtcc ttctgtgcat gccgcgcgtg agtggatgaat tgtgcgcgag   240
328 tgcgtccttc acgcggaaga agtgtgtcct caatgcaccc tcagtttact agcgtgcggg   300
330 gtgtaccccc gagtggtttc aactttgttt acttcaccgc atgtcaaatg ggctcttagt   360
332 ttactttatt ttcacccact cccacatggg ccagcacacg aagatagaga acacgagctg   420
334 acaaggcagc atgtggactg tgagcgtata aacaatata
337 <210> SEQ ID NO: 14
338 <211> LENGTH: 248
339 <212> TYPE: DNA
340 <213> ORGANISM: Triticum aestivum
342 <223> OTHER INFORMATION: Clone ID: LIB103-001-Q1-E1-C5
344 <400> SEQUENCE: 14
346 gtaccggtcc tacattcccc ggtccacggg gaccacaaag tgaagaagga caagaagaac   60
348 gaggagcaac aaaaacgccc acgcgcattg accaccagac cggcacatc acatcgaatg   120
350 cgaactcata cgattttccg ctgaaaaaaa tagcggaaag catcaccgcc atggccagca   180
352 tcattgccaa aatgaaggag aagctccgga taggtggcag cagcgaagaa ttcaagaagg   240

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354 aacacgag                                     248
357 <210> SEQ ID NO: 15
358 <211> LENGTH: 382
359 <212> TYPE: DNA
360 <213> ORGANISM: Triticum aestivum
362 <223> OTHER INFORMATION: Clone ID: LIB103-001-Q1-E1-C6
364 <400> SEQUENCE: 15
366 taccgggtcct aaattccggg tcacggggaa tggggacgag agtgagaagg tggggcttgg 60
368 cgacgtgtgt ggcgtcccta gccagctcca ggcggtcggc gacaagcagg aggtggcgtg 120
370 cggttgctgc ccacggtgca gtcacgcccc caaaaaccct tcttccaaaa ggaagggaat 180
372 gactgcaatt gggcaaccaa atttttgggc ctgccattgg cctgcaaggt aattcagggt 240
374 ggtttccccc ccggcccaat tccggttttc cgtttaattt tccaatttgg tttccaaagg 300
376 cccaatttag tttaggcact aaccattttt tataaatgtt gaaaattatt gtggatgcta 360
378 ccggatttat tccgggaacc cc                                     382
381 <210> SEQ ID NO: 16
382 <211> LENGTH: 419
383 <212> TYPE: DNA
384 <213> ORGANISM: Triticum aestivum
386 <223> OTHER INFORMATION: Clone ID: LIB103-001-Q1-E1-C8
388 <400> SEQUENCE: 16
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392 taatcatttg gtagtttgag cagcagaatg cccaagggtg atatagttct acagaagagg 120
394 tgaaggagga agtaaaagtgc atcaaaagcca ttatagagag gctgatacag agggaaggcc 180
396 atcttgtagt catagacgaa ggaacagcgg cagcagaagg tgcgcagca agggcatcgg 240
398 agcacagaat cctggctgtt aaccggaact acgtcattga ttgattaacc agctgaagac 300
400 acagctaact aaattcaaca aatgttggtg accaatagaa caagaaattc aaccggaaaa 360
402 aacctgggtg caaaagcccc aaaaattgta agttggtact tccaaccccc ttccaaagg 419
405 <210> SEQ ID NO: 17
406 <211> LENGTH: 437
407 <212> TYPE: DNA
408 <213> ORGANISM: Triticum aestivum
410 <223> OTHER INFORMATION: Clone ID: LIB103-001-Q1-E1-C9
412 <400> SEQUENCE: 17
414 cgccgtcccg taccgttcct aggactcccc ggtcgacagg aagctgcaaa cctgtgttaa 60
416 acgggttgaac ttgcgatgg gcggtgaggc ccgtagggag ttgctgtata acatcgaata 120
418 cagtgccgag tactgaagca ttgtatttg atgatgccgg tgttctttca atcaagtagg 180
420 cacgtgtagt gtttgcgggt actcgaagag cacagaggct gtagtctgta aattatactt 240
422 tgtaacagtt ttcctaatac ttcttcagta tcccaggctt ccttttttcg ctggagagac 300
424 aggatgagat ttattttgtt aggatttcag aataaggtcc taatacattt gtttctttgc 360
426 tcaacgcgct atcttccaca gtcagaggat ggatgtaacg ttagttcatc ataattgtat 420
428 ctttctgcaa aataaaaa                                     437
431 <210> SEQ ID NO: 18
432 <211> LENGTH: 382
433 <212> TYPE: DNA
434 <213> ORGANISM: Triticum aestivum
436 <223> OTHER INFORMATION: Clone ID: LIB103-001-Q1-E1-D4
438 <400> SEQUENCE: 18
440 acgctgcgag taccgggtcg acagtccggg tccacagacc cttgaaactc tgcacttaaa 60
442 tggagccact agtgccctc ggtagctga agacgatgaa aattccgttg ctacgcactt 120

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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

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L:9 M:270 C: Current Application Number differs, Replaced Current Application No
L:9 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:581 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:24
L:581 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:24
L:581 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:24
L:581 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:24
L:606 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:25
L:606 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:25
L:606 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:25
L:606 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:25
L:737 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:30
L:737 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:30
L:737 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:30
L:737 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:30
L:1440 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:58
L:1440 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:58
L:1440 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:58
L:1440 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:58
L:1442 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:58
L:1442 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:58
L:1442 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:58
M:340 Repeated in SeqNo=58
L:1539 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:62
L:1539 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:62
L:1539 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:62
L:1539 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:62
L:1642 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:66
L:1642 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:66
L:1642 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:66
L:1642 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:66
L:1667 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:67
L:1667 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:67
L:1667 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:67
L:1667 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:67
L:1846 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:74
L:1846 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:74
L:1846 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:74
L:1846 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:74
L:1995 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:80
L:1995 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:80
L:1995 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:80
L:1995 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:80
L:2022 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:81
L:2022 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:81
L:2022 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:81
L:2022 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:81
L:2381 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:95
L:2381 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:95

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L:2381 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:95
L:2381 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:95
L:2406 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:96
L:2406 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:96
L:2406 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:96
L:2406 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:96
L:2541 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:102
L:2541 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:102
L:2541 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:102
L:2541 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:102
L:3746 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:150
L:3746 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:150
L:3746 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:150
L:3746 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:150
L:3748 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:150
L:3748 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:150
L:3748 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:150
M:340 Repeated in SeqNo=150
L:3758 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:150
L:3758 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:150
L:3823 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:153
L:3940 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:157
L:4199 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:168
L:4298 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:172
M:340 Repeated in SeqNo=172
L:4391 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:176
L:4532 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:181
L:4653 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:186
L:4676 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:187
L:4737 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:189
L:4832 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:193
L:5015 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:200
L:5342 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:213
L:5469 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:218
L:5500 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:219
L:5625 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:224
L:5756 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:229
L:5927 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:236
M:340 Repeated in SeqNo=236
L:5946 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:237
M:340 Repeated in SeqNo=237
L:6041 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:241
M:340 Repeated in SeqNo=241
L:6118 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:244
L:6151 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:245
M:340 Repeated in SeqNo=245
L:6248 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:249
L:6275 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:250
L:6316 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:252

VERIFICATION SUMMARY DATE: 06/12/2000
PATENT APPLICATION: US/09/540,234 TIME: 10:43:55

Input Set : D:\WHEATREG1.RPT
Output Set: N:\CRF3\06122000\I540234.raw

L:6357 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:254
L:6384 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:255
L:7571 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:303
L:7632 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:305
L:7679 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:307